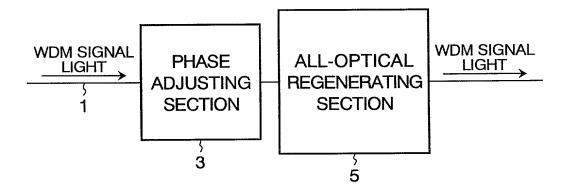
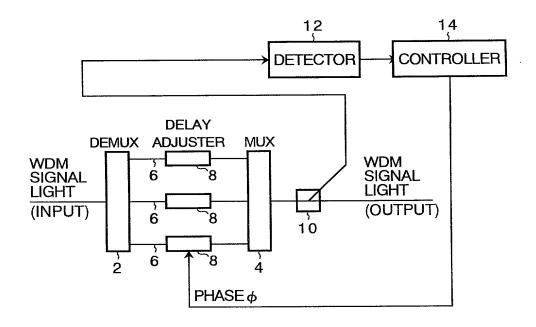
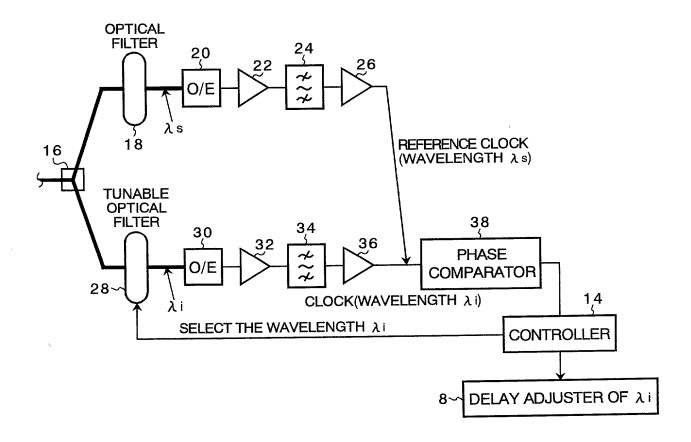
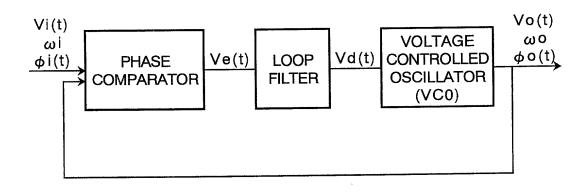
F I G. 1

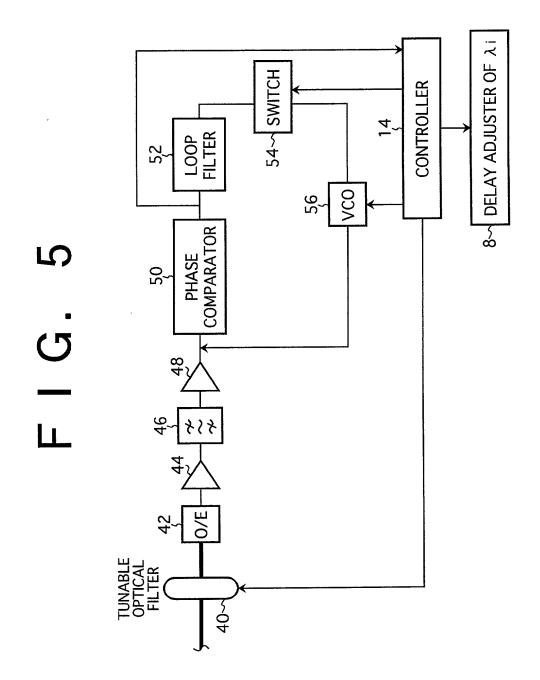


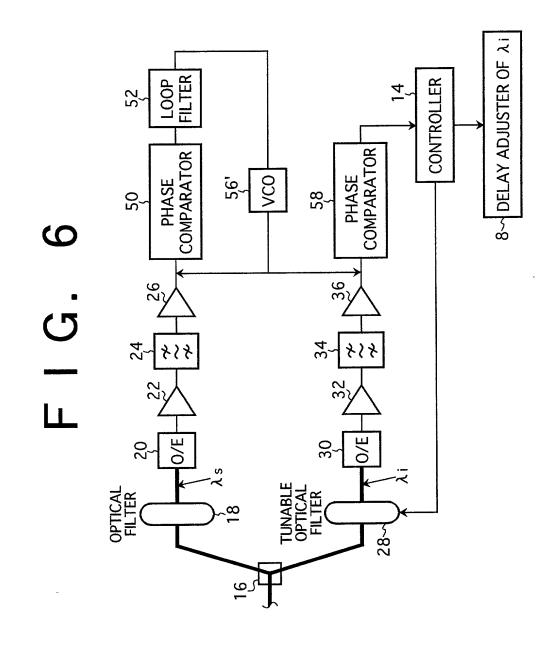
F I G. 2

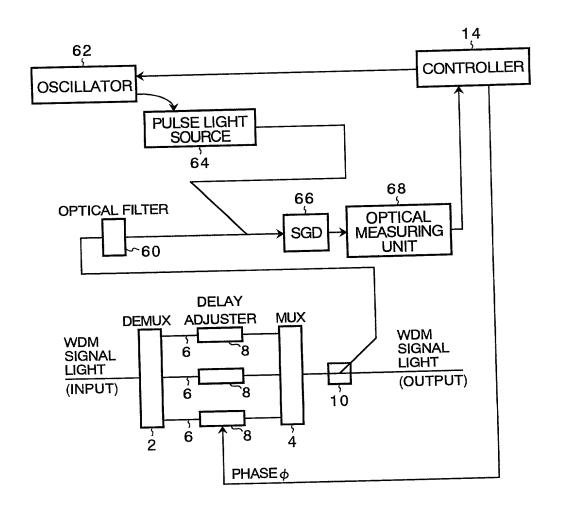




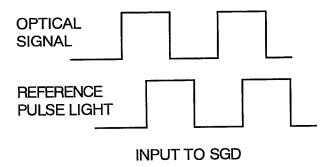




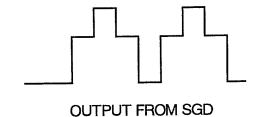


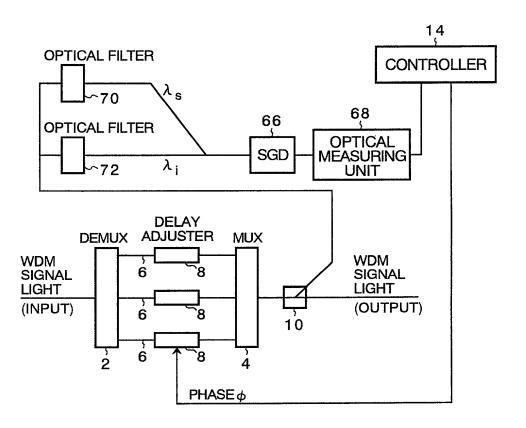


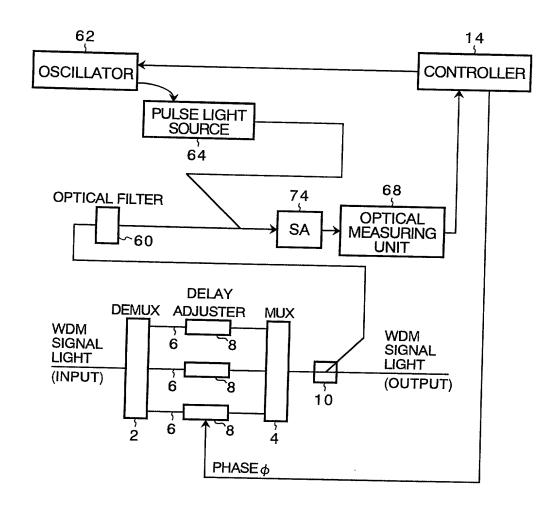
### FIG. 8A



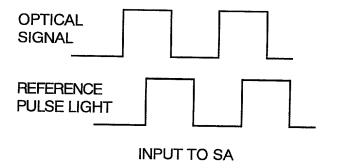
#### F I G. 8 B



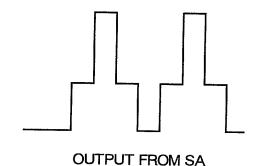


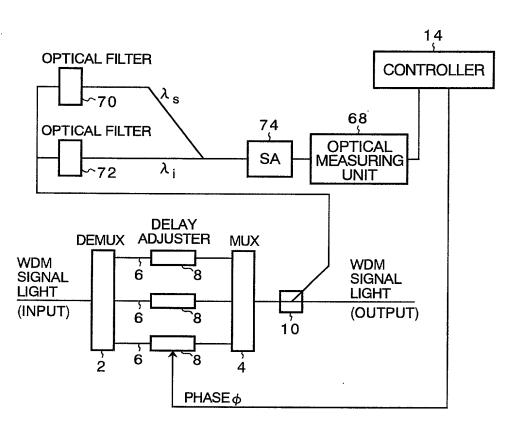


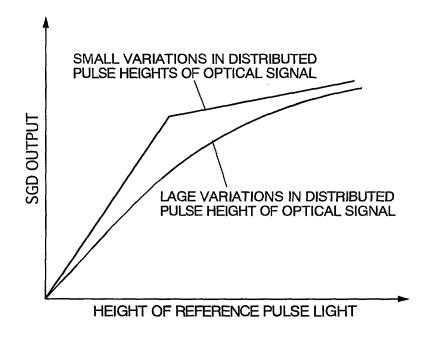
## F I G. 11A

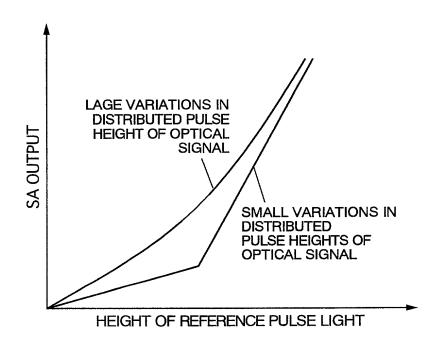


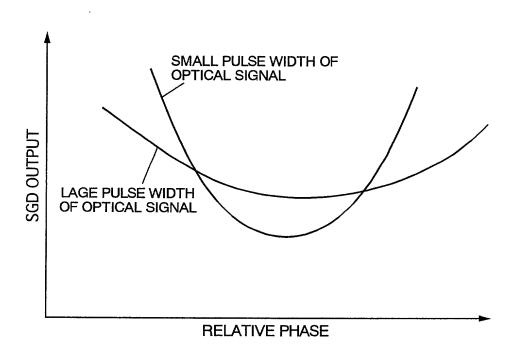
### F I G. 11B

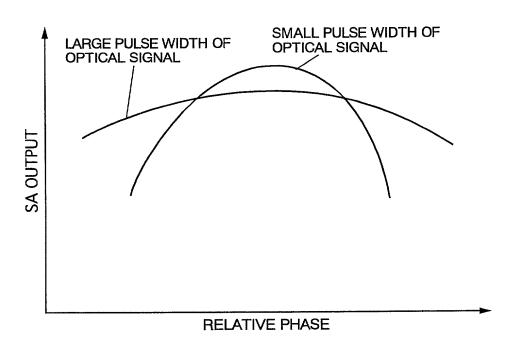


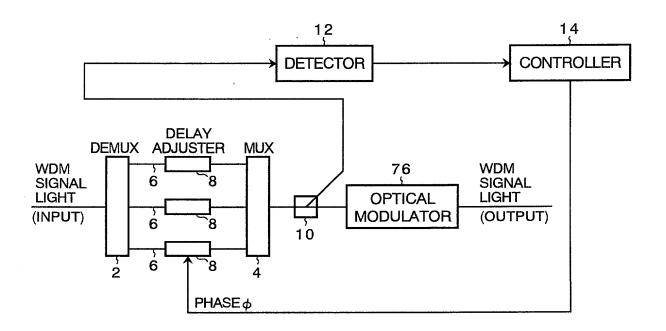


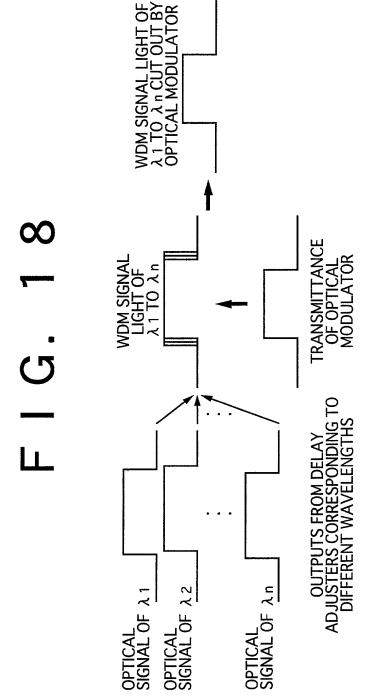


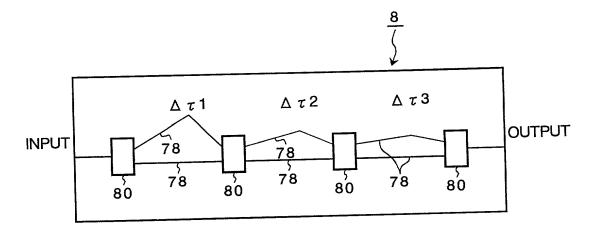




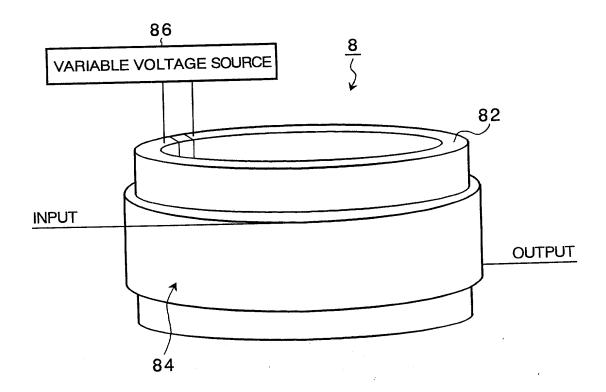




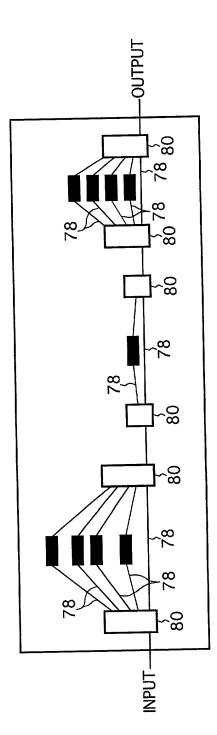




## FIG. 20

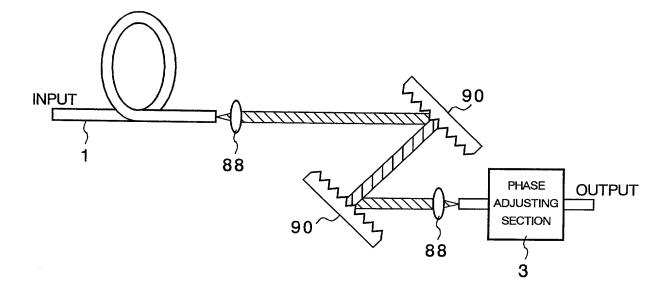


F I G. 21



որանագրարի արդարական արդարական հայարարական արդարական հայարարական հայարարական հայարարական հայարարական հայարարակա

F I G. 22



REGENERAGED SIGNAL LIGHT 124(#2) ■ WAVEFORM SECOND SHAPER  $\frac{1}{2}$  $\left[\frac{1}{\tau_1}\left(\lambda_{C2}\right)\right]$  $r_2$  $(\lambda_{c1})$ REGENERATOR 124 (#1) 124(#3) CLOCK REGENERATOR 72 (#4) 72(#1) WAVEFORM SHAPER FIRST  $^{\lambda}$ s<sub>1</sup> $_{\Pi}$ 120(118)  $_{\lambda}$ s<sub>1</sub></sub> SIGNAL LIGHT Λs2 **POLARIZATION** CONTROLLER

REGENERATED SIGNAL LIGHT CLOCK PULSES SECOND WAVEFORM SHAPER  $(\lambda_{c4})$  $(\lambda_{c2})$  $(\lambda_{c3})$  $(\lambda_{c1})$  $\begin{pmatrix}
\frac{\tau_3}{4} \\
\frac{\tau_2}{4}
\end{pmatrix}$ INTERMEDIATE SIGNAL LIGHT  $(\lambda_1)$ 124(#3) 124(#1)124(#2) CLOCK REGENERATOR CLOCK REGENERATOR FIRST WAVEFORM 72(#4) SHAPER 72(#1) 102 126(#1) 126(#4)  $\lambda_{S4}$  $\lambda_{S1}$ 120(118) B2 WDM SIGNAL LIGHT  $\lambda_{S1}$ ۸ **s**2 م **POLARIZATION** CONTROLLER